

CLAIMS:

What is claimed is:

1. A memory card connector having an interior cavity for receiving a memory card,
comprising:
an insulative housing having a rear terminal-mounting section at the rear of the cavity,
and at least one longitudinal side wall section extending forwardly from one end of the rear
5 section at one side of the cavity, the housing being mountable on a circuit board;
a plurality of terminals mounted on the rear terminal-mounting section of the housing and
having contact portions for engaging appropriate contacts on the memory card;
a pair of switch terminals mounted on the side wall section of the housing, one switch
terminal having an elastic contact arm which may be engageable by the memory card received in
10 the cavity and movable into engagement with a contact arm of the other switch terminal;
complementary interengaging mounting means between at least one of the switch
terminals and said longitudinal side wall section of the housing and including an L-shaped
locking boss at an outside of the side wall section defining a locking space behind the boss, and
an opening in a body portion of the at least one switch terminal through which said locking boss
15 can be inserted to position the body portion in the locking space behind the boss and prevent the
body portion from pulling outwardly of the side wall section; and
said at least one switch terminal having a soldering tab projecting from a bottom edge of
the body portion for solder connection to the circuit board.
2. The memory card connector of claim 1 wherein the opening in said at least one
switch terminal extends along the body portion thereof through a juncture between the body
portion and said soldering tab.
3. The memory card connector of claim 1 wherein said at least one switch terminal
has a locking tab projecting from the body portion and into engagement with a locking shoulder
on the side wall section to prevent the body portion from pulling upwardly of the side wall
section.

4. The memory card connector of claim 3 wherein said body portion is engaged in a retaining slot in the side wall section, and said locking tab is snappingly engaged with a pair of said locking shoulders at opposite sides of the retaining slot as the body portion is inserted into the slot.

5. The memory card connector of claim 3 wherein said at least one switch terminal is stamped and formed of sheet metal material, and said locking tab is stamped and bent from a top edge of the body portion.

6. The memory card connector of claim 1 wherein the body portion of said at least one switch terminal is engaged in a retaining slot in the side wall section, and the body portion includes barbs engageable with the side wall section in the slot.

7. The memory card connector of claim 1 wherein said locking boss is located on the outside of a mounting post projecting downwardly from the side wall section.

8. The memory card connector of claim 1 wherein both of said switch terminals have body portions with said openings therein and engageable with a pair of said L-shaped locking bosses on the side wall section.

9. The memory card connector of claim 8 wherein both of said switch terminals having soldering tabs projecting outwardly from bottom edges of the body portions.

10. The memory card connector of claim 1 wherein the contact arms of both switch terminals are elastic.

11. The memory card connector of claim 1 wherein said elastic contact arm of said one switch terminal is at one end thereof adjacent said longitudinal side wall section of the housing, and including a second elastic contact arm at an opposite end of the one switch terminal adjacent the rear terminal-mounting section of the housing for engaging a third switch terminal
5 in response to insertion of the memory card into the cavity.

12. The memory card connector of claim 11 wherein said one switch terminal is generally L-shaped.

13. A memory card connector having an interior cavity for receiving a memory card, comprising:

an insulative housing having a rear terminal-mounting section at the rear of the cavity, and at least one longitudinal side wall section extending forwardly from one end of the rear section at one side of the cavity, the housing being mountable on a circuit board, and including an L-shaped locking boss at an outside of the side wall section defining a locking space behind the boss;

a plurality of terminals mounted on the rear terminal-mounting section of the housing and having contact portions for engaging appropriate contacts on the memory card;

a first switch terminal stamped and formed of conductive sheet metal material and including a generally planar body portion engaged in a narrow retaining slot in the side wall section of the housing, a soldering tab projecting from a bottom edge of the body portion for solder connection to the circuit board, and an elastic contact arm projecting from the body portion and engageable by the memory card received in the cavity; and

a second switch terminal stamped and formed of conductive sheet metal material and including a generally planar body portion inserted into a narrow retaining slot in the side wall section of the housing, a contact arm projecting from the body portion and engageable by the elastic contact arm of the first switch terminal, a soldering tab projecting from a bottom edge of the body portion for solder connection to the circuit board, and an opening in the body portion through which said locking boss can be inserted to position the body portion in the locking space behind the boss and prevent the body portion from pulling outwardly of the side wall section.

14. The memory card connector of claim 13 wherein the body portion of at least said second switch terminal includes barbs engageable with the side wall section in said retaining slot.

15. The memory card connector of claim 13 wherein the elastic contact arm of said first switch terminal has a distal end engageable by the memory card and movable into engagement with the contact arm of said second switch terminal.

16. The memory card connector of claim 13 wherein said elastic contact arm of said first switch terminal is at one end thereof adjacent said longitudinal side wall section of the housing, and including a second contact arm at an opposite end of the first switch terminal adjacent the rear terminal-mounting section of the housing for engaging a third switch terminal
5 in response to insertion of the memory card into the cavity.

17. The memory card connector of claim 16 wherein said first switch terminal is generally L-shaped.